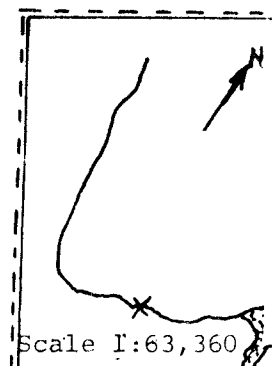
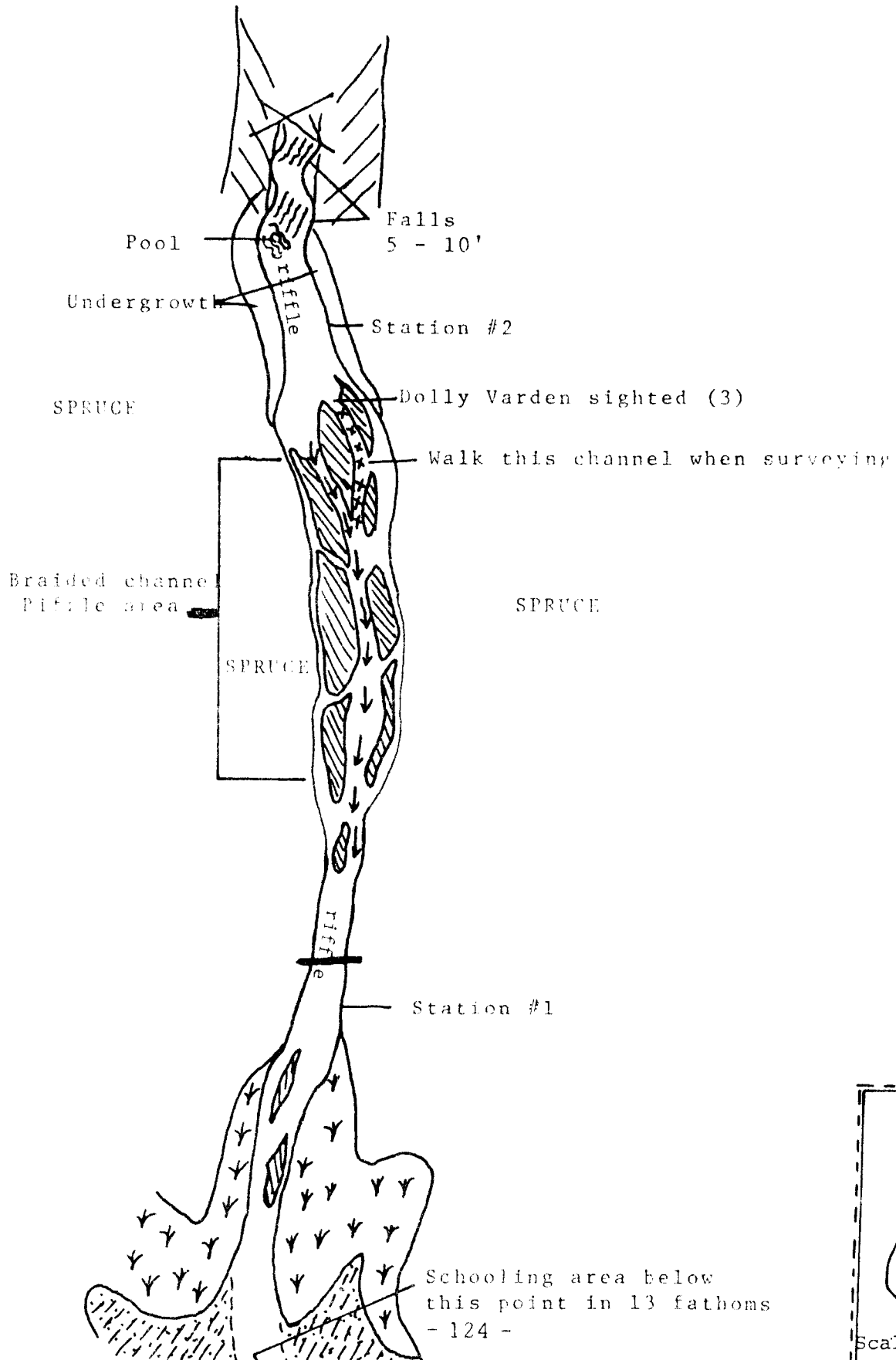


102-40-73

7-25-73

102-40-10730



102-40-10730

Name W.Arm Cholmondeley N. Head Stream Catalog No. 102-40-73  
 Latitude N 55° 15' 35" WR No. \_\_\_\_\_  
 Longitude W132° 28' 23" 13" K No. \_\_\_\_\_  
 Geodetic Map No. Craig A2 & B2 Work Area Cholmondeley Sound - District II  
 Location Prince of Wales Island Watershed Length 2.3 miles  
 Drainage Area of Watershed 1.93 sq. miles  
 Water Supply Type Runoff and springs

Trails & Survey Routes The only way to survey is by walking in the main channels.  
Stay in north channel area when surveying.

Aerial Survey Notes This stream is impossible to survey from the air as overhanging trees and underbrush cover the channels.

Anchorage Small boat - anchor off flats in 13 fathoms near north side of head. Not a good place to safely anchor in. Mud and sand.

Tide Stage When Surveyed 1st half of the ebb.

#### FISHERY RESOURCES

Commercial Fisheries Pink and chum salmon have been documented but cohos may also be present in upper stream.

Escapement 1972 - 385 pink and 89 chum salmon. 1971 - 2400 pink; 6 chum. High historic 35,000. Desired 3,000. Available spawning area - 2,748 M<sup>2</sup>

Species Composition 90 - 95% pink, 5% chum, 0 - 5% coho.

Timing Late - August and September.

Schooling areas Chum were observed in 13 fathom area directly in front of the stream mouth on N. side of head (1972).

Shellfish Potential Huge tide flats with excellent clam populations. Dungeness crab may be taken in 13 fathoms.

Sport Fisheries Sea run cutthroats and Dolly Varden use this stream for spawning and rearing.

Land Use at Present This watershed was part of the 1973 Cholmondeley Sound I.D.T. plan.

History of Land Use The Sultzer trail paralleled this stream and then crossed. Some timber was cleared along this route.

Rehabilitation Potential Blowdown is present but does not block or hinder salmon migrations to the falls area.

Soils Relatively stable at present time but if disturbed along stream would have tendency for high erosion problems.

#### GAME RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	0
	Number of droppings	2
Geese -----	Number seen on tide flats	0
	Number seen up creek	0
	Number of broods seen	0
Hallards ---	Number seen on tide flats	0
	Number seen up creek	0
	Number of broods seen	0
Hongansers -	Number of broods seen	0
Bald Eagles-	Number seen along creek	0
	Number of nests seen and location	0
Loons -----	Number seen at mouth of stream	0
Tide flats -	Estimate length along beach	100 yards
	Estimate depth out from beach	10 ft.
	Est. grass present on what percent of flats	0

# PEAK ESCAPEMENT RECORD

NAME: Cholmondeley Sound, West Arm, N. shore 0.5 mile from head

STREAM CATALOG NUMBER: 102-40-73

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Oct. 5, 1946	3,000	2,000		Fair (G)
Oct. 3, 1947	35,000	5,000		Excellent (G)
Sept. 29, 1948	1,900	2,100		Good (G)
Sept. 19, 1953	1	5		Poor (G)
Sept. 2, 1956				100,000 pink at mouth
Sept. 29, 1957		6,000		
Sept. 29, 1960	2	0		None at mouth (G)
Oct. 11, 1961		100		Half mile foot survey (G)
Aug. 11, 1963				Flow low- bottom comp. gravel, rock, boulders, Width 6 feet (F)
Aug. 17, 1965	N.O.			5 balls at mouth (A)
Sept. 23, 1970	680			On Sept. 10, 1970 had 900 fish intertidally. Many dead fish. Vis good (F)
Sept. 16, 1971	2,400	6		Vis. good (F)
Aug. 21, 1972				7,200 fish intertidally. Vis. excellent. 1 ball off creek, all fresh large fish, believe they're chum (H)
Aug. 31, 1973	900			400 fish intertidally (H)
Aug. 29, 1974	----4,000----			Vis. excellent (A)